



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2653
7/A
NDJ
12-10-02

Applicant: Chang
Assignee: Maxtor Corporation
Title: POSITIONER FOR PRECISELY MOVING AN E-BLOCK OF A DISK DRIVE
Serial No.: 09/768,974 Filed: January 23, 2001
Examiner: Blouin, M. Group Art Unit: 2653
Atty. Docket No.: Q00-1101-US1

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

RECEIVED
DEC 10 2002
Technology Center 2600

RESPONSE

In response to the Office Action dated October 23, 2002, please amend the application as follows.

In the Abstract

Replace the paragraph at page 15, lines 3-13 with the following paragraph:

A positioner (20) for a disk drive (10) that includes a magnet assembly (52), a conductor assembly (54), and a control system (22) is provided herein. The magnet assembly (52) includes a pair of magnet arrays (56A) (56B) and a pair of spaced apart flux return plates (75A) (75B). The conductor assembly (54) includes a coil array (78). The coil array includes a first portion (84) and a second portion (86) that are positioned substantially perpendicular to a longitudinal axis (43) of an E-block (16). The control system (22) directs current to electrically excite the first and second portions (84) (86) to generate a first force F_1 and a second force F_2 which are (i) parallel to the longitudinal axis (43) of the E-block (16), and (ii) equal in magnitude and directionally opposite to better position a data transducer (50) on a target track (32) of a storage disk (28).

12/09/2002 WABDELRI 00000149 130016 09768974
01 FC:1201 168.00 CH
02 FC:1202 324.00 CH